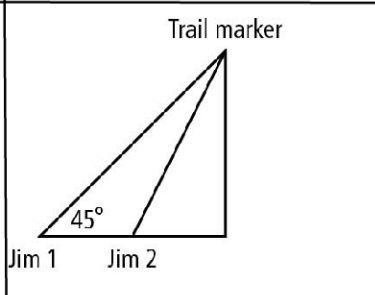


Question	Answer
11.	angle of elevation
13.	angle of depression
14.	237 m
15.	1962 ft
16.	3.2 mi
19.	F; the angle of elevation gets closer to $90^\circ$ .
20.	T
23.	Possible answer: as a hot air balloon descends vertically, the $\angle$ of depression to an object on the ground decreases.
24.	$73^\circ$
25a.	424 ft
25b.	276 ft
26.	When the $\angle$ of elevation of the sun is exactly $45^\circ$ , the length of the shadow will be the same as the length of telephone pole, since a rt. isosc. $\triangle$ is formed and $\tan 45^\circ = 1$ .
27a.	2080 ft
27b.	14 s
28.	D

Question	Answer
29.	J
30.	<div data-bbox="310 296 682 588"></div> <div data-bbox="682 296 1521 588">The <math>\angle</math> of elevation increases as Jim moves closer to trail marker.</div>